

43. The film forming composition according to claim 42, wherein the cations are preferably selected from the group comprising K^+ , Na^+ , Li^+ , NH_4^+ , Ca^{++} and Mg^{++} .

44. The film forming compositions according to claim 1, wherein the setting system further comprises at least one sequestering agent.

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45. The film forming composition according to claim 44, wherein the at least one sequestering agent is selected from the group comprising ethylenediaminetetraacetic acid, acetic acid, boric acid, citric acid, edetic acid, gluconic acid, lactic acid, phosphoric acid, tartaric acid, or salts thereof, methaphosphates, dihydroxyethylglycine, lecithin or beta cyclodextrin.

46. The film forming composition according to claim 1, wherein the setting system comprises hydrocolloids.

47. The film forming composition according to claim 46, wherein the hydrocolloids of the setting system are selected from polysaccharides.

48. The film forming composition according to claim 46, wherein the hydrocolloids of the setting system are selected from exocellular polysaccharides.

49. The film forming composition according to claim 1, wherein the pullulan is 85% to 95% by weight, and the setting system is 5% to 15% by weight.

50. The film forming composition according to claim 42, wherein the cations are less than 5% by weight, preferably 0.01% to 3% by weight, more preferably 0.5% to 2% by weight.

51. The film forming composition according to claim 44, wherein the sequestering agent is less than 5% by weight, preferably 0.01% to 3% by weight, more preferably 0.5% to 2% by weight.

52. The film forming composition according to claim 46, wherein the hydrocolloids of the setting system are selected from the group comprising alginates, agar gum, guar gum, locust bean gum (carob), carrageenan, tara gum, gum arabic, ghatti gum, Khaya grandifolia gum, tragacanth gum, karaya gum, pectin, arabian (araban), xanthan, gellan, starch, Konjac mannan, galactomannan, or funoran.

53. The film forming composition according to claim 46, wherein the hydrocolloids of the setting system are selected from the group comprising xanthan, acetan, gellan, welan, rhamsan, furcelleran, succinoglycan, scleroglycan, schizophyllan, tamarind gum, curdlan, or dextran.

54. The film forming composition according to claim 46, wherein the hydrocolloids of the setting system are selected from gellan gum or kappa-carrageenan.

55. The film forming composition according to claim 1, further comprising plasticizers or/and flavoring agents.

56. The film forming composition according to claim 1, further comprising colouring agents in a range from about 0% to 10% based upon the weight of the composition.

57. The film forming composition according to claim 56 wherein the colouring agent or mixture of colouring agents is selected from the group comprising azo-, quinophthalone-, triphenylmethane-, xanthene- or indigoid dyes, iron oxides or hydroxides, titanium dioxide or natural dyes.

58. The film forming composition according to claim 57 wherein the colouring agent or mixture of colouring agents is selected from the group comprising patent blue V, acid brilliant green BS, red 2G, azorubine, ponceau 4R, amaranth, D+C red 33, D+C red 22, D+C red 26, D+C red 28, D+C yellow 10, yellow 2 G, FD+C yellow 5, FD+C yellow 6, FD+C red 3, FD+C red 40, FD+C blue 1, FD+C blue 2, FD+C green 3 or brilliant black BN.

59. The film forming composition according to claim 57 wherein the colouring agent or mixture of colouring agents is selected from the group comprising carbon black, iron oxide black, iron oxide red, iron oxide yellow, titanium dioxide, riboflavin, carotenes, anthocyanines, turmeric, cochineal extract, chlorophyllin, canthaxanthin, caramel, or betanin.

60. The film forming composition according to claim 1, wherein the composition comprises one or more surfactants.

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61. The film forming composition according to claim 60, wherein the surfactant is selected from the group comprising sodium lauryl sulphate (SLS), dioctyl sodium sulfosuccinate (DSS), benzalkonium chloride, benzethonium chloride, cetrimide (trimethyl-tetradecylammonium bromide), fatty acid sugar esters, glyceryl monooleate, polyoxyethylene sorbitan fatty acid esters, polyvinyl alcohol, dimethylpolysiloxan, sorbitan esters or lecithin.

62. The film forming composition according to claim 60, wherein the surfactant is 0.01 to 3% by weight relative to the amount of pullulan.

63. A container for unit dosage forms for agrochemicals, seeds, herbs, foodstuffs, dyestuffs, pharmaceuticals, or flavouring agents produced from the film forming composition according to claim 1.

64. The container according to claim 63 wherein said container is a capsule, preferably a pharmaceutical capsule.

65. The container according to claim 63, wherein the container comprises a coating.

66. The container according to claim 65, wherein the coating is selected from the group comprising cellulose acetate phthalate, polyvinyl acetate phthalate, methacrylic acid gelatines, hypromellose phthalate, hydroxypropylmethyl cellulose phthalate hydroxyalkyl methyl cellulose phthalates, hydroxypropyl methylcellulose acetate succinate and mixtures thereof.

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67. The container according to claim 65, wherein the coating is a surfactant.

68. The container according to claim 67, wherein the coating is in the range of 0.5 to 100 microns.

69. The container according to claim 67, wherein the surfactant is selected from the group comprising sodium lauryl sulphate (SLS), dioctyl sodium sulfosuccinate (DSS), benzalkonium chloride, benzethonium chloride, cetrimide (trimethyltetradecylammonium bromide), fatty acid sugar esters, glyceryl monooleate,

polyethylene sorbitan fatty acid esters, polyvinyl alcohol, dimethylpolysiloxan, sorbitan esters or lecithin.

70. A caplet encapsulated in a film forming composition according to claim 1.

71. A container comprising two halves forming a capsule, wherein the container is sealed with one or more layers of the composition according to claim 1.

72. The container according to claim 71 wherein the capsule halves are sealed by a liquid fusion process.

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CONT 73. The container according to claim 63, wherein a product filled in the container is releasable at a low temperature such as at room temperature.

74. An aqueous solution for the manufacturing of capsules comprising the film forming composition according to claim 1.

75. The aqueous solution according to claim 74, further comprising pullulan in an amount of 10 to 60%, preferably 15 to 40% by weight of the aqueous solution.

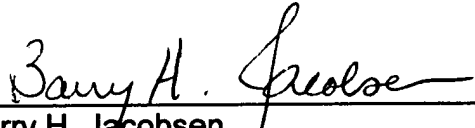
76. The aqueous solution according to claim 74 further comprising at least one setting agent in an amount of 0.01 to 5%, preferably 0.03 to 1.0% by weight of the aqueous solution.

77. The aqueous solution according to claim 74, further comprising cations in an amount less than 3%, preferably 0.01 to 1% by weight of the aqueous solution.

78. The aqueous solution according to claim 74, further comprising at least one sequestering agents in an amount less than 3%, preferably 0.01 to 1% by weight of the aqueous solution.

If the Examiner has any questions, please contact the undersigned attorney at (973) 386-7072.

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